

**A SYSTEM AND METHOD FOR IMPROVING
THE EDGE QUALITY OF INKJET PRINTOUTS**

ABSTRACT OF THE DISCLOSURE

5 This present invention is embodied in a printing system for improving
edge quality of ink drops produced by an inkjet printer. In general, the present
invention can include an inkjet printhead assembly that incorporates a
preprogrammed correction scheme for correcting systematic ink drop
placement errors of the inkjet printhead. A general correction scheme can be
10 developed for a class of inkjet printhead assemblies during manufacturing of
the class of inkjet printhead assemblies. The correction scheme could include
general corrections that cover general errors that exist for the entire class of
inkjet prinheads. Alternatively, individual correction schemes can be
developed during manufacturing of each inkjet printhead assembly that covers
15 specific errors that exists for each individual printhead.